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NOTES:

- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY
F/N 12: 1
F/N 15: 2
F/N 17: 1
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED
- 6 TRIM AFT EDGE AS REQUIRED

3
B7

DETAIL B

5
B6

DETAIL D

4
B7

DETAIL C

DETAIL A

2
B7

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION: PR2			
N/C	INITIAL RELEASE	01-26-12	P. BRAVO
A	INCORPORATED ECN 03444, 03489	04-17-12	P. BRAVO
B	INCORPORATED ECN 03527	05-29-12	P. BRAVO
C	INCORPORATED ECN 03732, 03885, 04486, 05503	07-28-16	P. BRAVO
D	INCORPORATED ECN 05731	04-04-17	P. BRAVO
E	INCORPORATED ECN 05818	08-02-17	P. BRAVO
F	INCORPORATED ECN 05856, 05875, 05940	03-08-18	P. BRAVO

6	41	601.1616	RIVET	MS20426AD3-5	
3	40	601.1900	NUTPLATE	MS21059-3	
1	39	601.3209	LOCKNUT	MS21042L4	
22	38	601.1624	LOCKNUT	MS21042L3	
9	37	601.1541	LOCKNUT	MS21042L08	
2	36	601.3008	INSERT	NAS1834C3-300	
2	35	601.3468	INSERT	NAS1832-4-7	
8	34	601.3459	INSERT	NAS1832-3-7	
	33		DELETED		
13	32	601.4061	SCREW	91420A230	DIN965
	31		DELETED		
24	30	601.1183	RIVET	CR3213-4-5	
	29		DELETED		
8	28	601.2481	CHERRY RIVET	CR3213-5-4	
	27		DELETED		
2	26	601.2669	BOLT	AN4C7A	
4	25	601.3555	BOLT	AN4C5A	
8	24	601.0788	BOLT	AN3C12A	
1	23	649.5112	WIPER DEFLECTOR		
1	22	649.5111	WIPER DEFLECTOR		
2	21	649.5110	WIPER DEFLECTOR		
8	20	647.9014	STRUT BRACKET		1
4	19	646.9910	STRUT		
4	18	649.4815	SHIM		
1	17	649.4812	SHIM		4
2	16	649.5213	SHIM		
2	15	649.4813	SHIM		4
1	14	649.5211	SHIM		
2	13	601.3493	QUICK RELEASE PIN	BLS3BS10SL5C4	3
1	12	649.4816	DOUBLER		4
2	11	649.4814	DOUBLER		
2	10	649.5210	DOUBLER		
1	9	649.5011	DEFLECTOR		
2	8	649.5013	DEFLECTOR		
2	7	649.5012	DEFLECTOR		
1	6	649.4811	CLIP		
1	5	649.5212	BRACKET		
1	4	649.5214	BRACKET		
1	3	649.5010	DEFLECTOR		
1	2	649.4902	LOWER CUTTER ASSY		
1	1	649.4901	UPPER CUTTER ASSY		
X		649.4701	A119 CABLE CUTTERS KIT		

8	80	NAS1330S08 KB321	RIVNUT	NAS1330S08KB321		8	61	601.2381	WASHER	NAS620C-10L	
2	79	601.1953	SCREW	MS27039-1-12		8	60	601.2638	WASHER	NAS1149F0432P	
2	78	649.5113	WIPER DEFLECTOR SHIM		△	18	59	601.2764	WASHER	NAS1149FN832P	
4	77	601.4085	RIVET	NAS9303B-5-03		53	58	601.1607	WASHER	NAS1149F0332P	
4	76	600.0846	RIVET	MS20426AD4-4		2	57	601.3470	WASHER	AN970-3	
8	75	601.4084	RIVNUT	NAS1330S08KB106		6	56	601.1365	SCREW	MS27039-1-10	
2	74	649.4819	SHIM			2	55	601.1621	SCREW	MS27039-1-08	
1	73	649.4818	SHIM			2	54	601.3289	SCREW	MS27039-1-25	
32	72	601.1710	NUTPLATE RIVET	MS20426AD3-4		26	53	601.2765	SCREW	MS27039-0819	
16	71	601.4083	NUTPLATE	MS21069L08		13	52	601.3190	SCREW	MS27039-1-13	
4	70	601.1869	WASHER	NAS1149CN832R		3	51	601.3124	SCREW	MS27039-0824	
12	69	601.2988	SCREW	MS27039-0813		4	50	601.1622	SCREW	MS27039-1-14	
1	68	649.4820	SHIM		△	4	49	601.2910	SCREW	MS27039-1-18	
4	67	649.4817	SHIM			2	48	MS24694S62	SCREW	MS24694S62	
16	66	601.3151	WASHER	NAS1149F0363P			47		DELETED		
3	65	601.1887	NUT	MS21042-4		2	46	601.3146	SCREW	MS24694C57	
	64		DELETED			2	45	601.1125	RIVET	MS20470AD5-11	
1	63	600.1012	SEALANT	PR-1425 CLASS B			44		DELETED		
1	62	601.2045	RTV	LOCTITE 598	△		43		DELETED		
4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.	22	42	601.1119	RIVET	MS20470AD4-5	
						4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

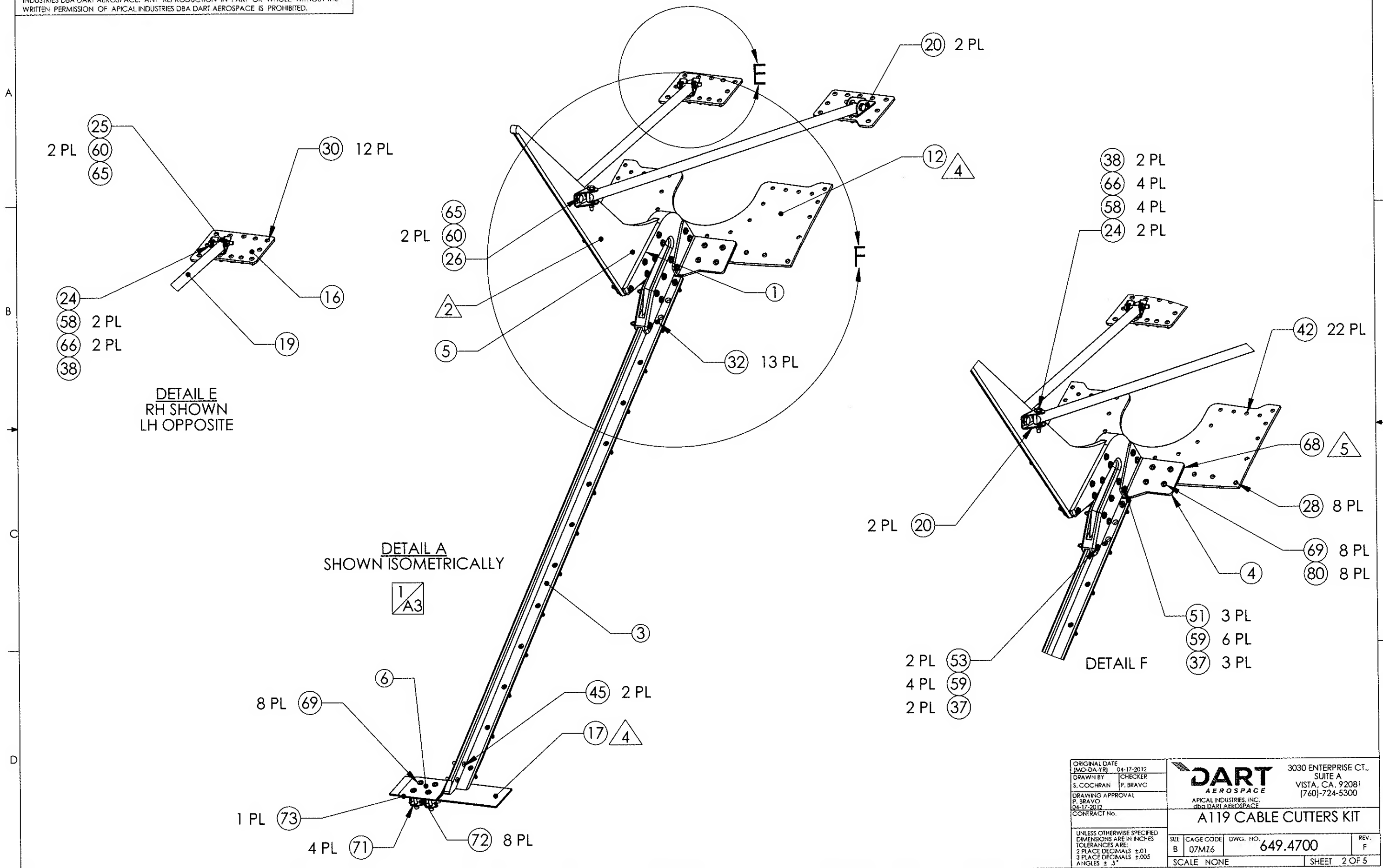
QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
PARTS LIST					
NEXT ASSY (S)			ORIGINAL DATE (MO-DA-YR) 04-17-2012		
			DRAWN BY S. COCHRAN CHECKER P. BRAVO		
			DRAWING APPROVAL P. BRAVO 04-17-2012		
			CONTRACT No.		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		
			SIZE B	CAGE CODE 07M26	DWG. NO. 649.4700
			SCALE NONE		REV. F
			SHEET 1 OF 5		

DART
AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

A119 CABLE CUTTERS KIT

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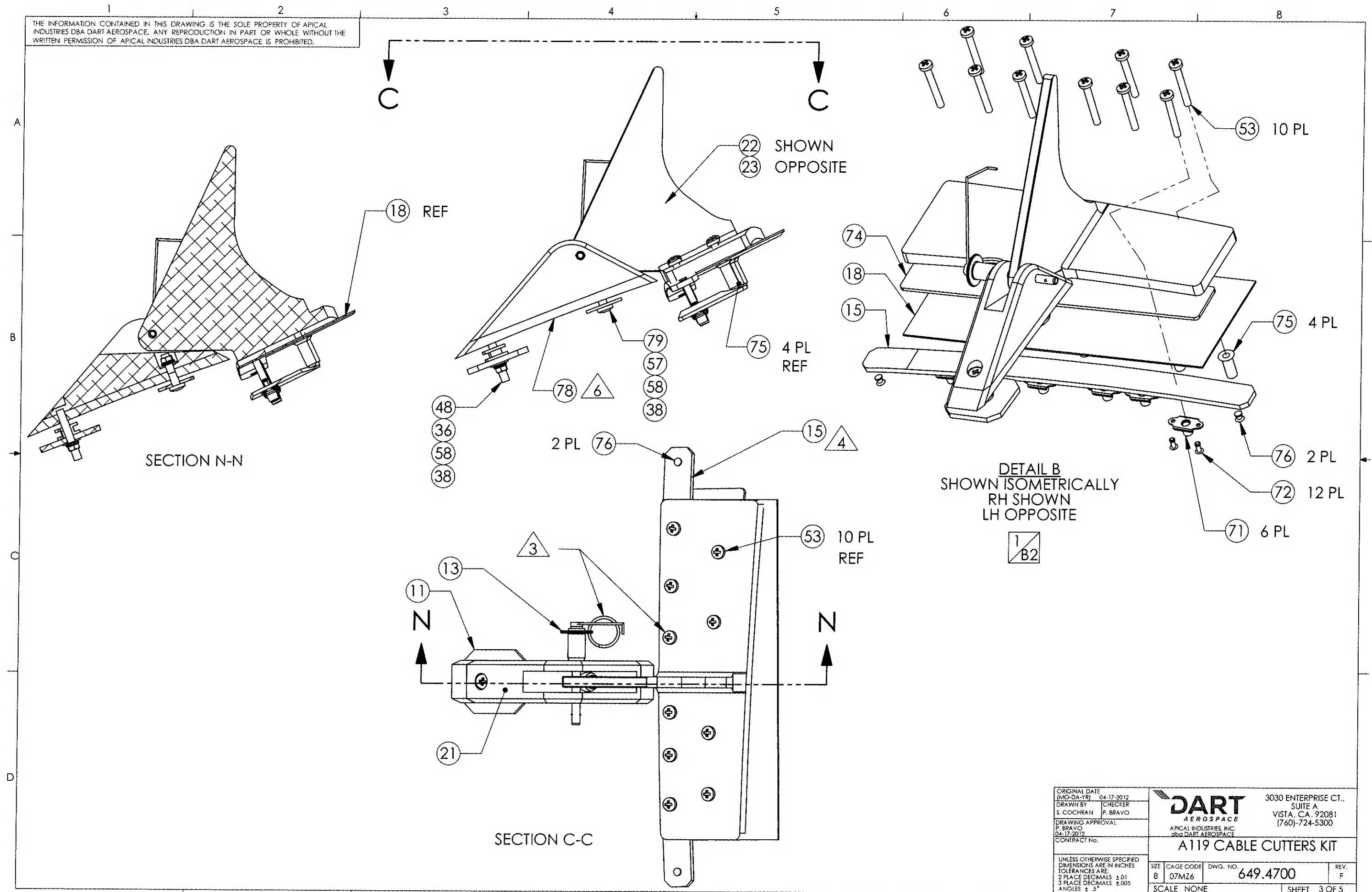
DETAIL E
RH SHOWN
LH OPPOSITE


DETAIL A
SHOWN ISOMETRICALLY

DETAIL F

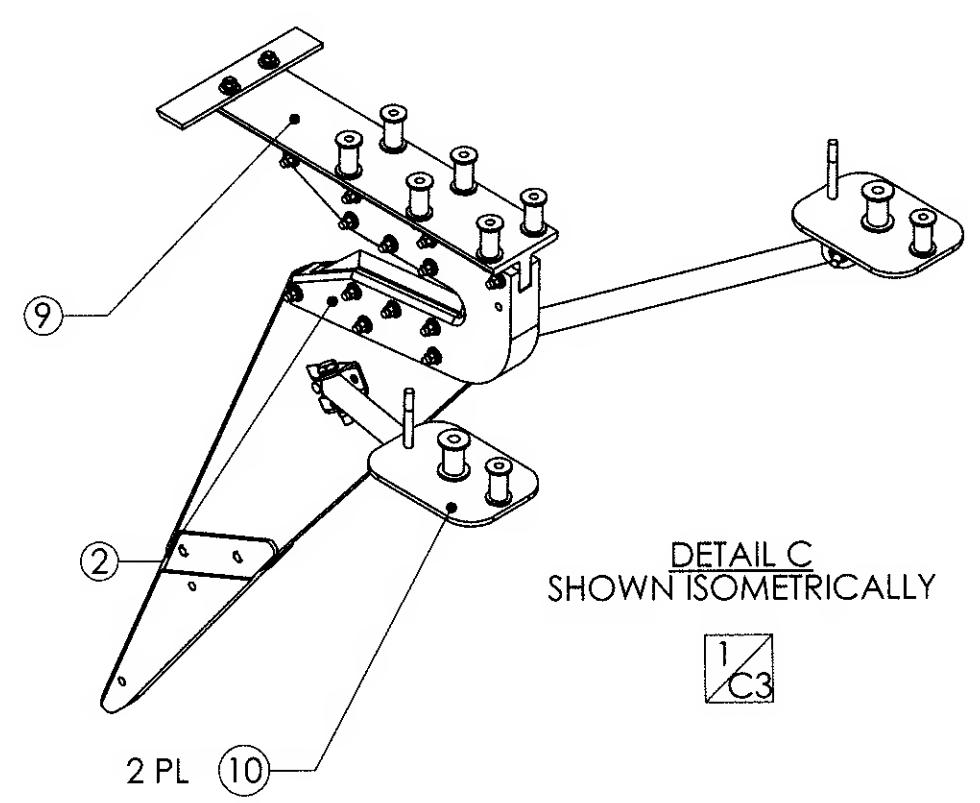
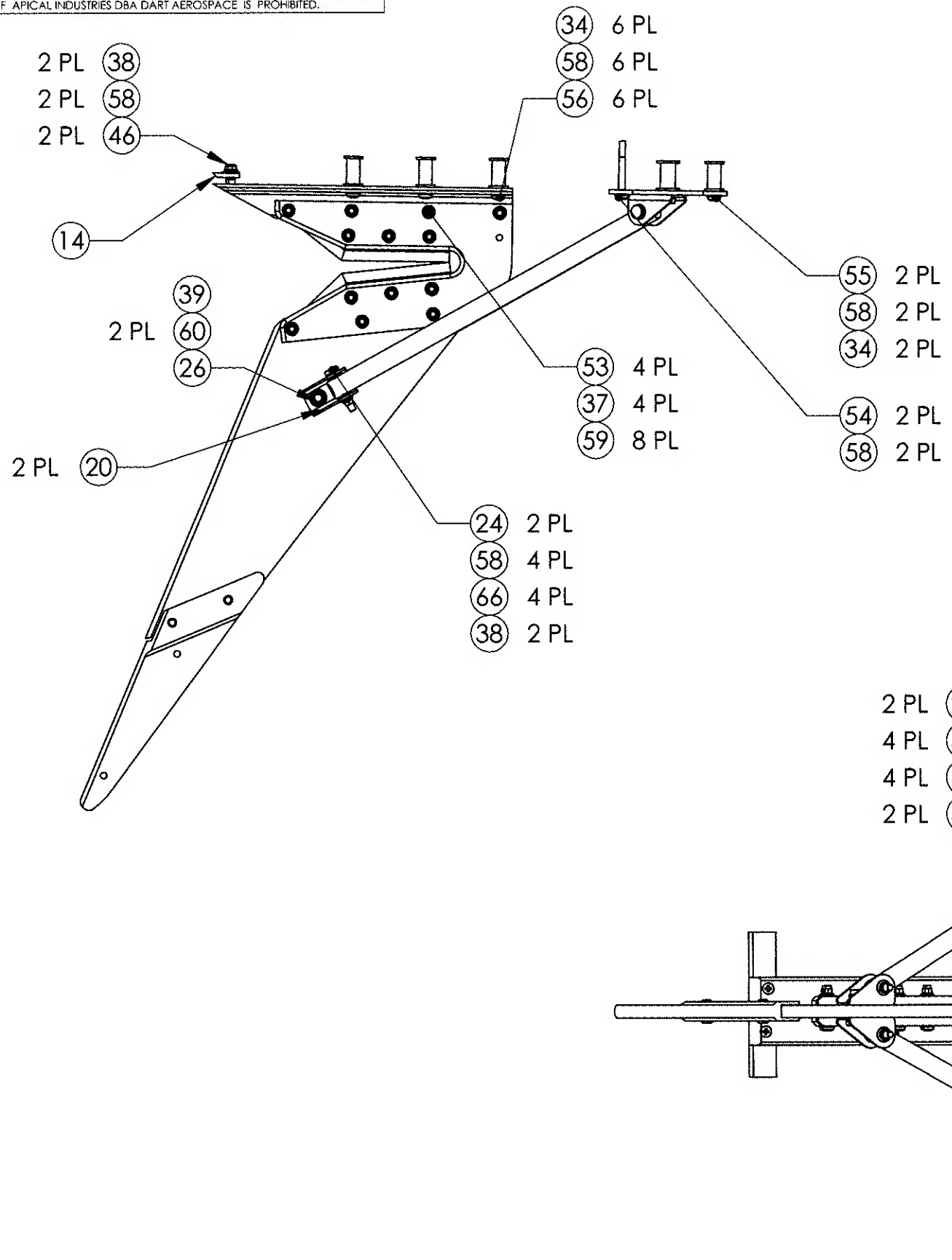
ORIGINAL DATE [MO-DA-YR] 04-17-2012		DRAWN BY S. COCHRAN		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO		DATE 04-17-2012		CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4700	REV. F
SCALE NONE		SHEET 2 OF 5			

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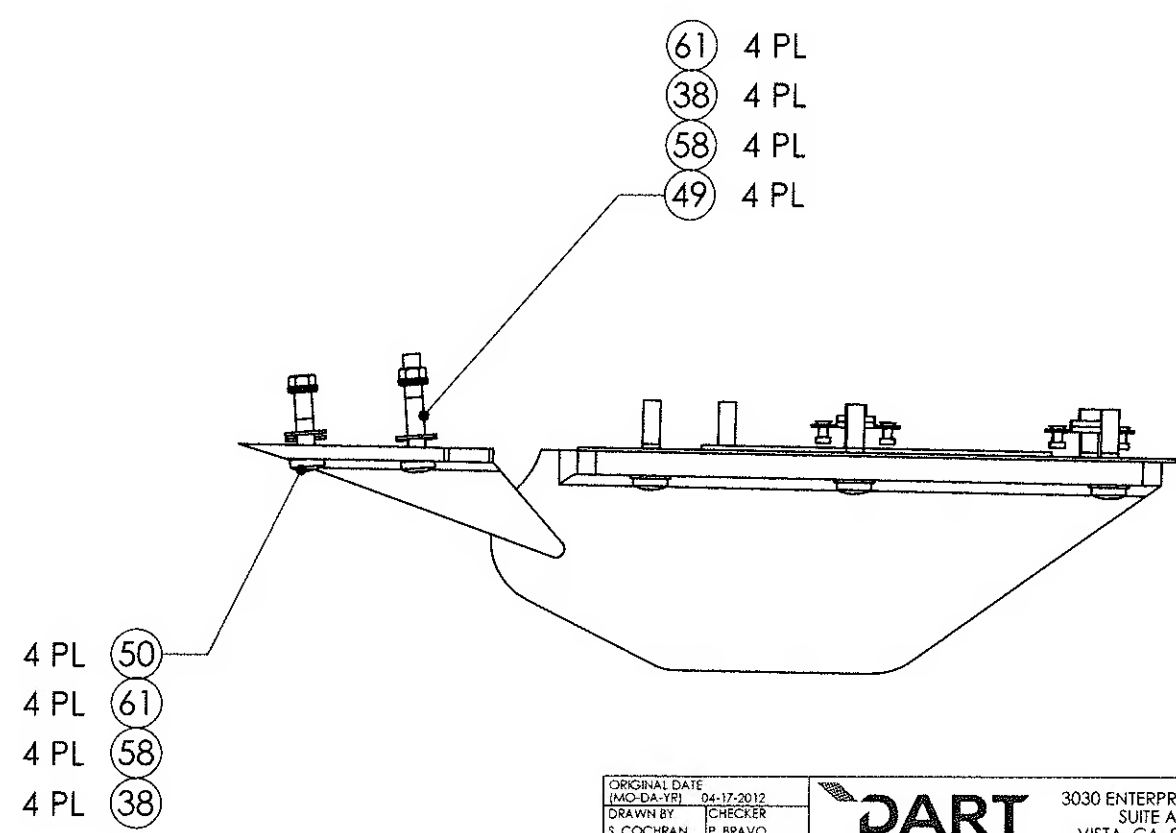
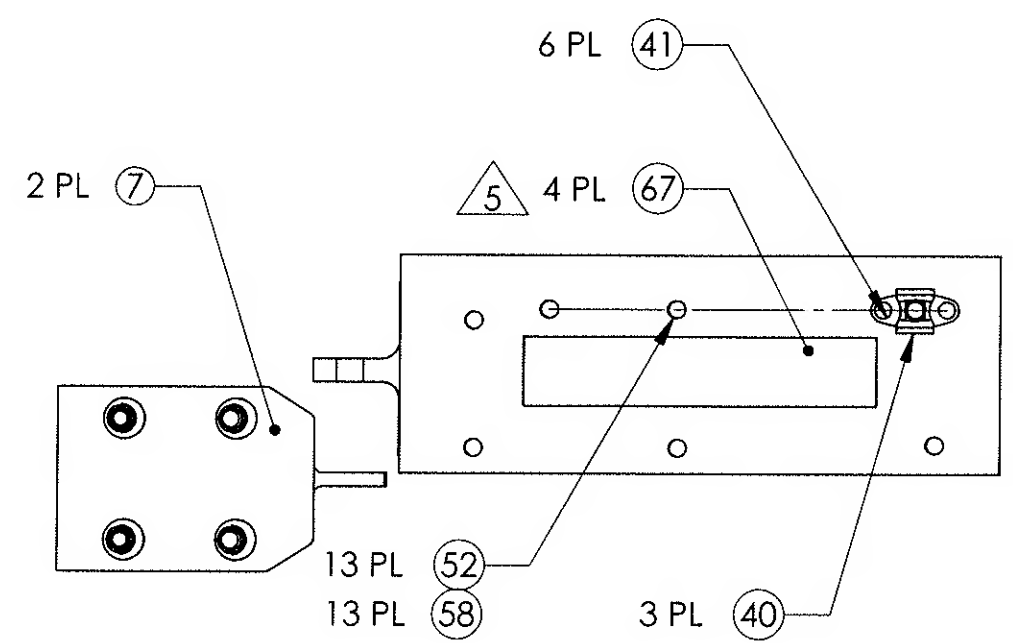
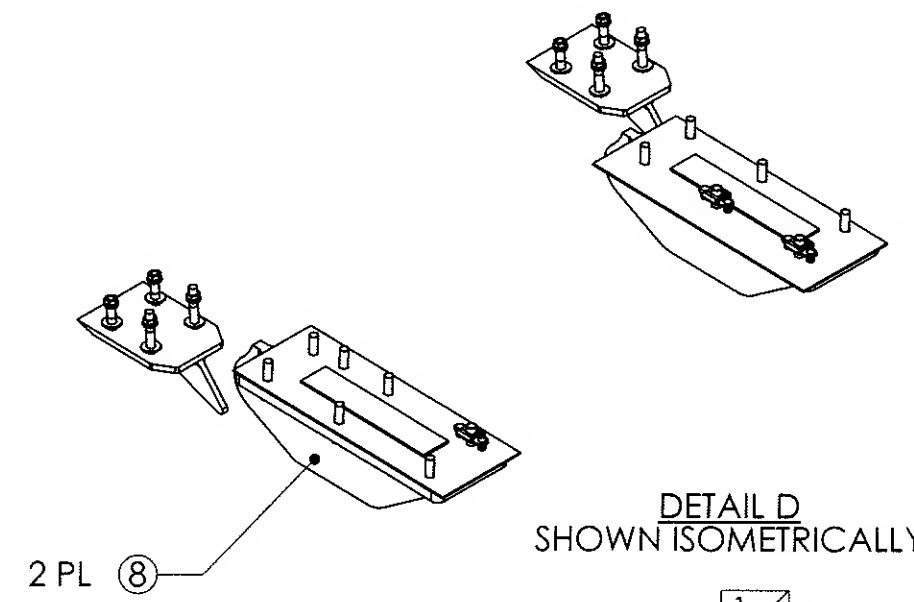
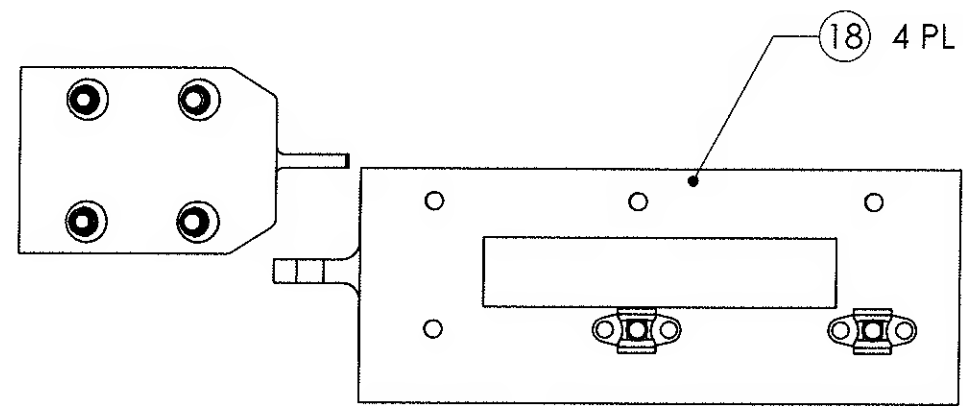
ORIGINAL DATE (DATE-DA-YR)	04-17-2012		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
DRAWN BY S. COCHRAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO	04-17-2012	APICAL INDUSTRIES, INC. dba DART AEROSPACE			
CONTRACT No.		A119 CABLE CUTTERS KIT			
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SCALE NONE			SHEET 3 OF 5		

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DART AEROSPACE		APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		A119 CABLE CUTTERS KIT		SIZE B		CAGE CODE 07M26	
DWG. NO. 649.4700		REV. F		SCALE NONE		SHEET 4 OF 5					

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		DWG. NO. 649.4700	SHEET 5 OF 5

